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7590 05/08/2006
 Patent Department
 Mitsubishi Electric Research Laboratories, Inc.
 201 Broadway
 Cambridge, MA 02139
 07/20/2006 FFANAIAS 00000077 500749 10648558

01 FC:1501 1400.00 DA
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| | |
|------------------------|--------------------|
| <i>Gene V. Vinolur</i> | (Depositor's name) |
| <i>G. Vinolur</i> | (Signature) |
| <i>July 17, 2006</i> | (Date) |

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10/648,558 | 08/25/2003 | Jingxian Wu | MERL-1489 | 5152 |

TITLE OF INVENTION: ADAPTIVE TRANSMIT DIVERSITY WITH QUADRANT PHASE CONSTRAINING FEEDBACK

| APPLN. TYPE | SMALL ENTITY | ISSUE FEE | PUBLICATION FEE | TOTAL FEE(S) DUE | DATE DUE |
|----------------|--------------|-----------|-----------------|------------------|------------|
| nonprovisional | NO | \$1400 | \$300 | \$1700 | 08/08/2006 |
| EXAMINER | | ART UNIT | CLASS-SUBCLASS | | |
| HAROON, ADEEL | | 2618 | 455-101000 | | |

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

"Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,

(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 *Dirk Brinkman*

2 *Andrew J. Curtin*

3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Mitsubishi Electric Research Laboratories, Inc.

Cambridge, MA

Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government

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Authorized Signature G. Vinolur

Date July 17, 2006

Typed or printed name Gene V. Vinolur

Registration No. 54,573

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